Combined Declaration and Power of Attorney for Utility or Design Patent Application (37 C.F.R. 1.63)

| As a below named invento | r, I declare that: | | | | | |
|---|--------------------|-----------------------------------|---------------------------|-------------------------------------|------------------------------|-------------------------------|
| My residence, mailing address, and citizenship are as stated below next to my name (C) | | | | | | |
| This declaration is directed | l to: | | | | | _ |
| ☐ The attached application, or ☐ was filed on as United Stated Application Number or PCT International Application Number (if applicable). | | | | | | |
| I believe that I am the origi and joint inventor (if plural patent is sought on the inv | names are listed l | inventor (if below) of th | only one n e subject r | ame is listed be matter which is | elow) or an o claimed and | riginal, first for which a |
| High-Pressure | e Discharge | Lamp a | nd Met | hod of Fal | bricatin | ig Same |
| I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above; I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 C.F.R. 1.56, including material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed. | | | | | | |
| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YY) | | Priority Not Claimed | Certified Co | opy Attached No |
| 2001-388142 | Japan | 12/20/2001 | | | 0 0 0 0 | 88 00 |
| I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below: | | | | | | |
| Application Number(s) | | | Filing Date (MM/DD/YY) | | | |
| | | | | | CO | PY |

I hereby claim the benefit under 35 U.S.C. 120 of any United States application, or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT

International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of the application:

| U.S. Patent Application or PCT Parent Number | Parent Filing Date (MM/DD/YYYY) | Parent Patent Number (if-applicable) |
|--|---------------------------------|---|
| | | У |

As a named inventor, I hereby appoint the following registered practioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith:

| Name | Registration Number | Name | Registration Number |
|--------------------|---------------------|-------------------------|---------------------|
| Michael E. Whitham | 32,365 | Clyde R. Christofferson | 34,138 |
| Marshall M. Curtis | 33,138 | C. Lamont Whitham | 22,424 |

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PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

| Given Name (first and middle (if any) |) Kazuhisa | Family Name or Surname | | SHIDA | |
|--|--------------|---------------------------|-------------|---|----------|
| Inventor's Signature | | | | | 9, 2002 |
| Residence: Tokyo | | · ** | | · | |
| Citizenship: Japan | ese | | 01_00=01_00 | in Mark Forder and Mark Street, was a supplied that | |
| Mailing Address:c/ | o NEC Lighti | ing, Ltd., 8- | l, Nis | higotanda | 2-chome, |
| Sh | inagawa-ku, | Tokyo, Japan | | | |



APRIL 22, 2003

PTAS

WHITHAM, CURTIS & CHRISTOFFERSON, PC MICHAEL E. WHITHAM 11491 SUNSET HILLS ROAD - #340 RESTON, VA 20190 Under Secretary of Commerce For Intellectual Property and Director of the United States Patent and Trademark Office Washington, DC 20231

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UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

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ASSIGNEE:

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TOKYO, JAPAN

SERIAL NUMBER: 10318211

PATENT NUMBER:

FILING DATE: 12/13/2002

ISSUE DATE:

TARA WASHINGTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

SHEET U.S. DEPARTMENT OF COMMERCE DMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office LY 203/REV03 Tab settings -To the Honorable Commissioner of Patents and Trademarks: Please . cord the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Kazuhisa Nishida Name: NEC Corporation Internal Address: Additional names(s) of conveying party(ies) ☐ Yes ☒ No 3. Nature of conveyance: Street Address: 7-1, Shiba 5-chome, Minato-ku Assignment Merger ☐ Security Agreement ☐ Change of Name Tokyo, Japan ☐ Other _ City: _____ State: ZIP: Execution Date: Dec. 9, 2002 ⋈ No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: 12/9/02 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? ☐ Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Michael E. Whitham 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number: Street Address: Whitham, Curtis & Christofferson, PC 11491 Sunset Hills Road - #340 50-2041 (Attach duplicate copy of this page if paying by deposit account) City: Reston State: V ZIP: 20190 15/14/5005 DRIVINE DO NOT USE THIS SPACE 40.00 DP 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Michael E. Whitham-Reg. No. 32,635 Dec. 13, 2002 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document:

FORM PTO-1595 (Modified)

Docket N 01480084AA

PÂTENT OR DESIGN: SOLE OR JOINT

(U.S. and Foreign Rights)

ASSIGNMENT FOR UNFILED APPLICATION FOR UNITED STATES PATENT

(Sole or Joint Inventors)

WHEREAS:

FULL NAME(S) AND POST OFFICE ADDRESS(S) OF INVENTOR(S) (including country)

Kazuhisa NISHIDA

c/o NEC Lighting, Ltd., 8-1, Nishigotanda 2-chome, Shinagawa-ku, Tokyo, Japan

(hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

TITLE OF INVENTION

High-Pressure Discharge Lamp and Method of Fabricating Same

for which application for Letters Patent of the United States has been executed on even date herewith,

WHEREAS:

FULL NAME AND ADDRESS (including country) OF ASSIGNEE

NEC Corporation

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.



NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by AS-SIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or

(Assignment for Unfiled Application for United States Patent—page 1 of 2)

COPY

Warning
DATE OF SIGNING:
This must be the same as the date of signing of the declaration and power of the patent or design application.

SIGNATURE(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this <u>December 9, 2002</u>

(Date of Signing)

(Signature) Kazuhisa NISHIDA

(Signature)

(Signature)

COPY

Witness:

Instruction sheet for assignment Signing All information, names of inventor(s) and assignee, title of invention and particulars of application should be completed.

No witnessing or legalization is necessary. However, if this assignment is legalized then it will only be prime facie evidence of the execution of the assignment.

(Assignment for Unfiled Application for United States Patent-page 2 of 2)